INDEX TO AUTHORS.

ALSTON, J. A., and GIBSON, H. J., a note on the experimental transmission of "louping ill" to mice, 82

——— and STEWART, D., some observations on passive immunity in the normal subject produced by antipneumococcic sera, 49

ARMSTRONG, R. R., serum treatment of lobar pneumonia; a study in immunology, 279

ASCHNER, M., see *Kligler, I. J.*

ATKIN, E. E., the inhibitory action of sanocrysin on tuberculous lesions, 249

BARR, M., and GLENNY, A. T., further observations on qualitative differences in antitoxic fractions prepared from the same sample of plasma, 337

——— ——— and POPE, C. G., some observations on the distribution of antitoxins in serum, 217

BARRY, D. T., see *Chauchard, A.*

BEDSON, S. P., immunization with killed herpes virus, 254

BLAND, J. O. W., glandular fever, II. The protozoal nature of the experimental disease, 311

BROOM, W. A., a note on the toxicity of amyl-meta-cresol, 327

BUCKLEY, O. B., the effect of subcutaneous injections of trypsin on the blood-sugar and on insulin action, 13

BURNET, F. M., and MACNAMARA, J., immunological differences between strains of poliomyelitic virus, 57

CAMPBELL, J. A., and FILDES, P., tetanus. X: The effect of the oxygen tension of the tissue fluids in controlling infection by *B. tetani*, 77

CHAUCHARD, A., CHAUCHARD, B., and BARRY, D. T., effects of hæmorrhage on the vascular nervous mechanism, 190

CHAUCHARD, B., see *Chauchard, A.*

CLEARKIN, P. A., and SKAN, D. A., the effect of repeated calf passage on the immunizing power of vaccine lymph, 322

COOPER, K. E., see *Gordon, J.*

COULTHARD, C. E., the disinfectant and antiseptic properties of amyl-meta-cresol, 331

COX, G. A., see *Drennan, A. M.*

CRADDOCK, S., see *Parish, H. J.*

——— and PARISH, H. J., the serum treatment of anaërobic (*Vibrion septique*) infections in mice, 389

CRAIGIE, J., a method of drying complement from the frozen state, 75

CUMMINS, S. L., and WEATHERALL, C., the retardation of lytic processes by colloidal silica solution, 239; effects of colloidal silica upon the growth of tubercle bacilli in blood, 245

CZARKOWSKA-GLADNEY, J., and HURST, E. W., some data concerning the infectivity, survival and powers of diffusion of the virus of "louping-ill," 426

DAU, H., see *Pijper, A.*

DON, C. S. D., see *Jenkins, C. E.*

DOWNIE, A. W., STENT, L., and WHITE, S. M., the bile solubility of pneumococcus, with special reference to the chemical structure of various bile-salts, 1

DRENNAN, A. M., MALCOLM, J., and COX, G. A., studies on rat thyroids, 430

DUDLEY, S. F., human skin-tolerance to diphtheria toxin, and immunizability, 319

EAGLES, G. H., see *McClean, D.*, and *Green, A. B.*

——— and MCCLEAN, D., cultivation of vaccinia virus in a cell-free medium, 97

EAVES, E. C., some observations on calcium and phosphorus in the brain in different conditions, 113

ELFORD, W. J., see *Galloway, I. A.*

FAIRBROTHER, R. W., see *Hurst, E. W.*

FILDES, P., see *Campbell, J. A.*

FINDLAY, G. M., the fractionation of anti-vaccinia serum, 9

FLOREY, H., the mechanism of goblet-cell secretion in the mammal; the effects of cyanide, 301

——— and WEBB, R. A., mucus secretion in acute experimental inflammation of the colon and other mucous membranes of the cat; histological changes, 286

GALLOWAY, I. A., and ELFORD, W. J., filtration of the virus of foot-and-mouth disease through a new series of graded collodion membranes, 407

GIBSON, H. J., see *Alston, J. A.*

GILDING, H. P., the relation of the nervous system to a patchy ischæmia (Bier's spots) in animals, 66

GILMORE, E. STG., complement-fixation with vaccinia culture virus, 165

GLENNY, A. T., see *Barr, M.*

——— HAMP, A. G., and LLEWELLYN-JONES, M., the absorption of diphtheria antitoxin, 21

GORDON, J., and COOPER, K. E., a study of the phosphorus distribution in bacterial cultures; Part II, 234

GREEN, A. B., and EAGLES, G. H., the filterability of vaccinia virus, 202

GYE, W. E., a note on the propagation of Fujinami's fowl myxo-sarcoma in ducks, 93

HAMP, A. G., see *Glenny, A. T.*

HAPPOLD, F. C., and TAYLOR, A., the lipolytic activity of tubercular guinea-pigs' tissues. III: Variation of activity with the spread of the disease, 272

HARE, R., studies on immunity to hæmolytic streptococci. III: Observations on the variations in resistance to phagocytosis displayed by broth cultures of strains of high and low virulence, 261.

HOLMES, B. E., see *Pirie, A.*

HURST, E. W., see *Czarkowska-Gladney, J.*

——— and FAIRBROTHER, R. W., simultaneous infection of the monkey with the viruses of poliomyelitis and vaccinia, 17

JENKINS, C. E., and DON, C. S. D., comparative test of the estimation of hæmoglobin by the flicker hæmoglobinometer and the oxygen capacity method, 212

KINNEAR, J., an investigation into the streptococci found in certain diseases of the skin, 384

KLIGLER, I. J., recovery of fowl-pox virus from vaccines by cataphoresis, 42

——— and ASCHNER, M., the relation between fowl-pox (epithelioma contagiosum) and avian diphtheria, 35; studies on protein-free suspensions of viruses. II: Cataphoresis experiments with protein-free suspensions of a bacteriophage and fowl-pox virus, 178

——— and OLITZKI, L., cataphoresis experiments with typhus virus, 69; studies on protein-free suspensions of viruses. I: The adsorption and elution of bacteriophage and fowl-pox virus, 172; III: The resistance to heat and disinfectants of protein-free eluates of a bacteriophage and fowl-pox virus, 393

LEDINGHAM, J. C. G., MORGAN, W. T. J., and PETRIE, G. F., the potency and distribution in the serum fractions of antiviral body obtained by immunization of the horse with vaccinia virus, 357

LLEWELLYN-JONES, M., see *Glenny, A. T.*

LUDFORD, R. J., resistance to the growth of transplantable tumours. I: The influence of vital staining on induced resistance, 45; II: The influence of dyestuffs and of colloids on natural resistance, 108

MCCLEAN, D., see *Eagles, G. H.*

——— and EAGLES, G. H., the conservation of vaccinia virus grown *in vitro*, 103

MACNAMARA, J., see *Burnet, F. M.*

MALCOLM, J., see *Drennan, A. M.*

MARRACK, J., and SMITH, F. C., quantitative aspects of immunity reactions: the precipitin reaction, 30; the composition of the precipitate in precipitin reactions, 182

MORGAN, W. T. J., a specific precipitating polysaccharide from *B. dysenteriæ* (Shiga), 62; see *Ledingham, J. C. G.*, and *Petrie, G. F.*

MOTTRAM, J. C., experiments on the production of tumours on the somatic mutation hypothesis, 378

OKELL, C. C., and PARISH, H. J., the effect of sodium aurothiosulphate in the treatment of tuberculosis in guinea-pigs, 136

OLITZKI, L., see *Kligler, I. J.*

O'MEARA, R. A. Q., the mechanism of the Voges-Proskauer reaction and the diacetyl reaction for proteins, 346

PARISH, H. J., see *Craddock, S.*, and *Okell, C. C.*

——— and CRADDOCK, S., a ringworm epizootic in mice, 209

PATTERSON, J., the preparation and standardization of colloidal gold for the Lange test, 143

PETRIE, G. F., see *Ledingham, J. C. G.*

——— and MORGAN, W. T. J., a quantitative analysis of the lethal power of a strain of Type I pneumococcus, 447

PIJPER, A., and DAU, H., agglutinins of tick-bite fever and sporadic typhus in Southern Africa in man and in guinea-pigs, 123

PIRIE, A., adsorption experiments with the Rous sarcoma virus, 373

——— and HOLMES, B. E., the cause of the inactivation of the Rous sarcoma filtrate during incubation, 127

PLATT, R., the blood glutathione in disease, 139

POPE, C. G., see *Barr, M.*

PURCHASE, H. S., a study of cross-immunity with viruses of fowl-plague and observations on the duration of immunity, 199

ROSHER, A. B., the effect of the X and V growth factors on the pathogenicity of indole-producing strains of influenza bacilli, 133

RUDD, G. V., observations on the acidity and chloride content of the gastric juice, II, 226

SKAN, D. A., see *Clearkin, P. A.*

SMITH, F. C., see *Marrack, J.*

SOKOLOVITCH, M., the effect of X-ray therapy on the partition of phosphorus compounds in the blood in disease, 147; a contribution on the distribution of calcium content in blood of children, 150

SPURRELL, W. R., experimental observations with low dose radiation, 402

STENT, L., see *Downie, A. W.*

STEWART, D., see *Alston, J. M.*

TAYLOR, A., see *Happold, F. C.*

WATSON, A. F., tar cancer in mice. III: An apparatus for the preparation under standard conditions of a highly potent carcinogenic agent of low toxicity, 441

WEATHERALL, C., see *Cummins, S. L.*

WEBB, R. A., see *Florey, H.*

WHITE, S. M., see *Downie, A. W.*

WHITEHEAD, R., the significance of natural variations in the structure and cortical lipoid of the mouse suprarenal, 305

WILSON, G. S., the gaseous requirements of *Br. abortus* (bovine type), 88; the growth of *Br. abortus* (bovine type)in shake tubes, 152